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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,271	08/27/2003	Yuu Inatomi	43888-274	5210
	7590 01/29/200 (, WILL & EMERY	EXAMINER		
600 13th Street	, N.W.		WEINER, LAURA S	
WASHINGTON, DC 20005-3096			ART UNIT	PAPER NUMBER
			1745	
SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MO	NTHS	01/29/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)					
	10/648,271	INATOMI ET AL.					
Office Action Summary	Examiner	Art Unit					
	Laura S. Weiner	1745					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim till apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	I. lely filed the mailing date of this communication. O (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 01 De	ecember 2006.						
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· -							
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.							
Disposition of Claims							
4)⊠ Claim(s) <u>1,7-20 and 23-31</u> is/are pending in the application.							
4a) Of the above claim(s) <u>16,17,19,20 and 24-28</u> is/are withdrawn from consideration.							
5)⊠ Claim(s) <u>15,18,23,29 and 30</u> is/are allowed.							
6)⊠ Claim(s) <u>1,7,9-13 and 31</u> is/are rejected.							
7)⊠ Claim(s) <u>8 and 14</u> is/are objected to.							
8) Claim(s) are subject to restriction and/or	<u> </u>						
Application Papers							
9) The specification is objected to by the Examine	r.	••					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
Applicant may not request that any objection to the							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority under 35 U.S.C. § 119							
12) ☐ Acknowledgment is made of a claim for foreign a) ☐ All b) ☐ Some * c) ☐ None of:	priority under 35 U.S.C. § 119(a)	-(d) or (f).					
1.☐ Certified copies of the priority documents have been received.							
Certified copies of the priority documents have been received in Application No							
3. Copies of the certified copies of the priority documents have been received in this National Stage							
application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.							
Attachment(s)							
1) Dotice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date 5) Notice of Informal Patent Application						
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	6) Other:	aton Application					
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DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 12-1-06 have been fully considered but they are not persuasive. Applicant argues that Inoue et al. does not teach Formula (4) but the Examiner disagrees because bis-(ethylenedithio) tetrathiafluvalene is Formula (4) and Inoue et al. teaches that the positive electrode comprises the bis-ethylene dithio tetrathiafluvalene. See Appendix to this office action for structure.

Election/Restrictions

- Applicant's election without traverse of Species 3, Formula 4, claims 1, 4, 7-15,
 21-23 in the reply filed on 7-17-06 is acknowledged.
- 3. Claims 16-17, 19-20, 24-28 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 7-17-06.

Claim Rejections - 35 USC § 102

4. Claims 1, 7, 9-13, 31 are rejected under 35 U.S.C. 102(b) as being anticipated by Inoue et al. (JP 8-195199, translation).

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Application of training to 19,2

Inoue et al. teaches in claims 1-3, 6, that the positive electrode contains an electron-donative compound which can be at least one of bis-ethylene dithio tetrathiafulvalene, etc. Inoue et al. teaches in claim 4, that the positive electrode comprises LixCoO2, LixNiO2 or LixCoYNi1-yO2. Inoue et al. teaches in claims 7-8, that the negative electrode comprises carbon fiber. Inoue et al. teaches on page 3 of translation that the electrolytic solution comprises a nonaqueous solvent. Inoue et al. teaches on page 3, that the positive electrode comprises LiCoO2, acetylene black, pyrene and an electron-donative compound, bis-ethylene dithio tetrathiafluvalene [Is Formula (4) when X and Y's are S]. It was made into a paste and applied on an aluminum foil.

Allowable Subject Matter

- 5. Claims 8 and 14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- 6. Claims 15, 18, 23, 29-30 are allowed.

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura S. Weiner whose telephone number is 571-272-1294. The examiner can normally be reached on M-F (6:30-4:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor. Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Laura S Weiner Primary Examiner Art Unit 1745

January 24, 2007



